

Title (en)

Apparatus for determining and ablating a corneal tissue volume of a receiving cornea for corneal lamellar grafting transplantation

Title (de)

Vorrichtung zur Bestimmung und Abtragung von Hornhautgewebevolumen in einer lamellierenden keratoplastik Behandlung

Title (fr)

Dispositif permettant de déterminer et de procéder à l'ablation du volume de tissu cornéen requis en vue d'une greffe lamellaire de la cornée

Publication

**EP 1428470 B1 20120627 (EN)**

Application

**EP 04003911 A 20010518**

Priority

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- EP 01936806 A 20010518
- IT 0100248 W 20010518

Abstract (en)

[origin: WO0222003A1] An apparatus for determining and ablating the corneal tissue volume necessary for performing a corneal lamellar grafting operation, in a manner optimized for each patient, comprises a central processing unit, to which are operatively connected a corneal pachymeter, of an optical, ultrasonic and the like type, a pupillometer and a photoablative laser, of an excimer, status solid, phantosecond or the like type.

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

ECKHARD H B ET AL: "LAMELLIERENDE KERATOPLASTIK MIT DEM EXCIMERLASER ERSTE KLINISCHE ERGEBNISSE", OPHTHALMOLOGE, SPRINGER, BERLIN, DE, vol. 93, no. 3, 1 June 1996 (1996-06-01), pages 242 - 246, XP001018490, ISSN: 0941-293X

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